



**PERFORMANCE
UNDER
PRESSURE**

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

UTILITIES

Machine Id

FUEL STATION 3 UNITED RENTALS

Component

Diesel Exhaust Fluid (DEF)

Fluid

DEF (Diesel Exhaust Fluid) (275 GAL)

RECOMMENDATION

Fluid meets ISO 22241-2 requirements and is suitable for use.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		RP0044216	RP0044088	RP0042517
Sample Date		Client Info		26 Jun 2024	06 Jun 2024	08 May 2024
Machine Age	mls	Client Info		0	0	0
Oil Age	mls	Client Info		0	0	0
Filter Age	mls	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

White Metal	scalar	*Visual	NONE	---	NONE	---
Yellow Metal	scalar	*Visual	NONE	---	NONE	---

CONTAMINATION

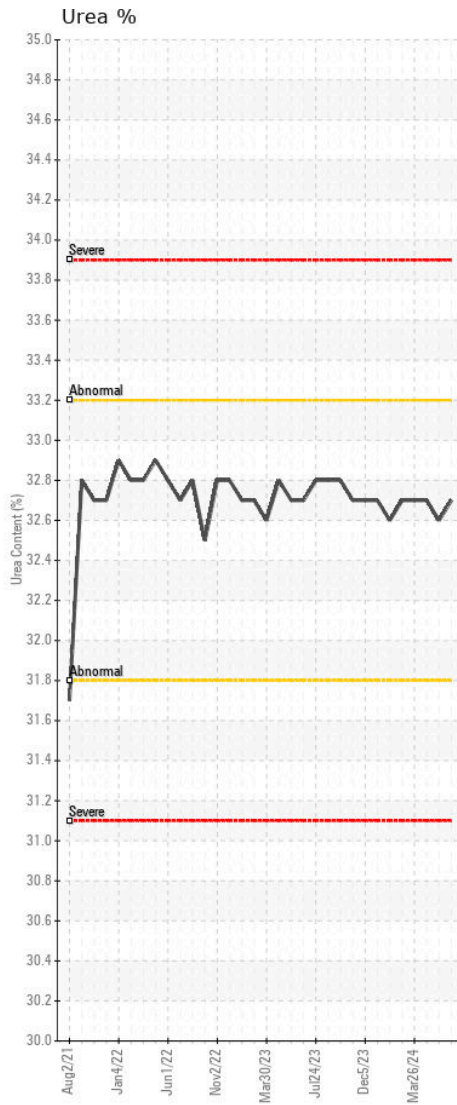
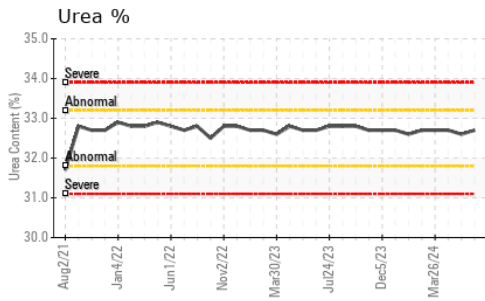
Appearance is acceptable. There is no indication of any contamination in the diesel exhaust fluid (def).

Hydrocarbon	scalar	*In-House		NONE	NONE	NONE
Silt	scalar	*Visual	NONE	---	NONE	---
Debris	scalar	*Visual	NONE	---	NONE	---
Sand/Dirt	scalar	*Visual	NONE	---	NONE	---
Appearance	scalar	*Visual	NORML	---	NORML	---
Odor	scalar	*Visual	NORML	---	NORML	---
Emulsified Water	scalar	*Visual		---	NEG	---

FLUID CONDITION

Urea content is normal.

Urea Content	%	ISO 22241	<31.8	32.7	32.6	32.7
Density @ 20°C	g/cm3	ISO 22241	>1.0930	1.0893	1.0884	1.0895
Refracting Index		ISO 22241	<1.3814	1.3828	1.3826	1.3827
Appearance	scalar	*Visual		Clear & Bright	Clear & Bright	Clear & Bright



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP0044216 **Received** : 27 Jun 2024
Lab Number : 06222813 **Tested** : 05 Jul 2024
Unique Number : 11101010 **Diagnosed** : 05 Jul 2024 - Doug Bogart
Test Package : DEF 1 (Additional Tests: ICP, KF, KV40, SCREEN, TAN Man)

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

OUTOKUMPU STAINLESS USA
 HWY 43 N
 CALVERT, AL
 US 36513
 Contact: MARIO JOHNSON
 Mario.johnson@outokumpu.com
 T: (251)321-4105
 F: x: